

Safety, Capacity, Maintenance and Major Repairs (SCMMR) Category Descriptions

Architectural Repairs / Replacements: Repairs, replacements and/or upgrades to the building architectural systems including entrances, windows, roofs, as well as flooring, ceiling, and partition systems. These are generally coordinated with "hazardous materials projects" because architectural repairs frequently require asbestos abatement.

Central Utility Plant Expansion / Replacements / Upgrades: Maintenance, replacement and or upgrades of equipment used to generate steam, chilled water and compressed air for the site distribution systems serving all buildings sitewide. Pertains to equipment in and around the Central Utility Plant only.

Civil and Site Environmental Repairs / Replacements / Upgrades: Projects relating to the NIST site including roads and grounds. This category also includes all site environmental projects such as stormwater management, reforestation and wildlife maintenance.

Conveying System Repairs / Replacements: Repairs, replacements and/or upgrades to the building conveying systems including elevators and stairs. This category also includes materials handling systems such as cranes and hoists.

Energy Conservation Projects: Studies, designs, and implementation of energy-conserving measures to the NIST site and building systems.

Exhaust and Air Filtration System Repairs / Replacements: Site and building air quality projects including Diesel exhaust stacks, chemical fume hood exhaust systems, as well as building supply air filtration and duct cleaning.

Handicap Accessibility Projects: Americans with Disabilities Act (ADA) compliance projects including ramps, building entrances, lavatories, directional improvements, and related studies.

Hazardous Materials Projects: Abatement of hazardous materials (typically asbestos, lead paint, and PCB's) from the NIST sites and buildings. This category also includes the construction and installation of hazardous material treatment facilities and equipment dealing with waste chemicals and site effluent. The removal and replacement of underground storage tanks is included in this category as well.

Mechanical-Electrical System Replacements / Upgrades: Building mechanical and electrical systems projects including HVAC, electrical distribution, electrical switchgear and transformers, as well as all piped services projects. Pertains to systems and equipment contained within the NIST laboratory and office buildings only.

Site Alarm System and Fire Safety Upgrades: Fire and Life-Safety Code compliance projects including sprinkler systems, personnel egress improvements, site alarm systems, and related studies.

Site Utility System Replacements / Upgrades: Repairs, replacements and/or upgrades to the site utility distribution systems including steam, chilled water, compressed air, natural gas, water, sewer, stormwater and electrical systems.

Structural Repairs / Replacements: Projects improving the structural safety of NIST building and site systems such as steam manhole replacement and building structural modifications and repairs.